BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

me of work: Modified Estimate For Construction of Burial Ground Compound Wall (Balance rk) at Sampigehalli in Ward No.05, Byatarayanapura Sub Division

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							Estimate Cost Rs.		**2910776.00**
	KSRRB 300-1. Earth work excavation by manual means in **hard soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 152/ Item No. 19.2/ PWD SR 2013-14	cum	ordenary soil						
	For Culverts Worksn Noornagara 1st, 2nd, 3rd, 4th, 5th Cross,		6	5.20	2.00	1.10	68.64		
	For Rasing Course Noornagara Shadhi Mahal House Road		2X2	121.00	0.20	0.30	29.04		
	Basavalingappanagara Sampigehalli ,Shanimahathma Temple Road		2X2	214.00	0.20	0.30	51.36		
	BasavalingappaNagara B main Road		2	85.00	0.20	0.30	10.20	TP	
	As per Tender Quantity 299.70						**159.24**	**89.77**	**14295.00**
	As per Quoated Rate	**89.77**							
	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2013-14	**Cum**							
	For Culverts Worksn Noornagara 1st, 2nd, 3rd, 4th, 5th Cross,		6	5.20	2.00	0.15	9.36		
	For Rasing Course Noornagara Shadhi Mahal House Road		2X2	121.00	0.20	0.15	14.52		
	Basavalingappanagara Sampigehalli ,Shanimahathma Temple Road		2X2	214.00	0.20	0.15	25.68		
	BasavalingappaNagara B main Road		2	85.00	0.20	0.15	5.10	TP	
	As per Tender Quantity 49.95						**54.66**	**4245.79**	**232075.00**
	up to 125% Qty 62.44								
	As per Quoated Rate	**4245.79**							
	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry **in foundation** with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 25/ Item No. 5.6/ PWD SR 2013-14	cum							
	For CD Worksn Noornagara 1st, 2nd, 3rd, 4th, Cross,		6X2	5.20	0.60	0.60	22.46	TP	

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	As per Tender Quantity 208.13						**22.46**	**3512.69**	**78909.00**
	As per Quoated Rate	**3512.69**							
	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry **in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2013-14	**Sqm**							
	For Compound Wall		6X2	5.20	0.45	0.50	14.04	**TP**	
	As per Tender Quantity 99.90						**14.04**	**4182.74**	**58726.00**
	As per Quoated Rate	**4182.74**							
	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix **M10** withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in **foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/P No. 13/ Item No. 4.7/ PWD SR 2014-15	**cum**							
	For Culverts		2X6	5.20	0.45	0.10	2.34		
	Culvert Vent		6	5.20	0.60	0.10	1.87		
	Coaping Concrete								
	For Rasing Course Noornagara Shadhi Mahal House Road		2X2	121.00	0.20	0.10	9.68		
	Basavalingappanagara Sampigehalli ,Shanimahathma Temple Road		2X2	214.00	0.20	0.10	17.12		
	BasavalingappaNagara B main Road		1X2	85.00	0.20	0.10	3.40		
	For Rasing Course Noornagara Shadhi Mahal House Road		2	121.00	0.40	0.10	9.68		
	Basavalingappanagara Sampigehalli ,Shanimahathma Temple Road		2	214.00	0.40	0.10	17.12		
	BasavalingappaNagara B main Road		1	85.00	0.40	0.10	3.40		
	Total executed Qty						**64.61**	TP	
	Qty up to 125%						**37.00**	**4688.21**	**173464.00**
	Qty Above 125%						**27.61**	**5232.16**	**144470.00**
	Basic Rate	4896.00							
	Area Weightage @8%	391.68							
	Total	**5287.68**							
	Tender Premium @ -1.05	**55.52**							
		5232.16							
6	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 27/ Item No. 5.27/ PWD SR 2011-12	Sqm							

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
For Rasing Course Noornagara Shadhi Mahal Hou[illegible] Road		2X2	121.00		0.40	**193.60**		
Basavalingappanagara Sampigehalli ,Shanimahathma Temple Road		2X2	214.00		0.40	**342.40**		
BasavalingappaNagara B main Road		2	85.00		0.40	**68.00**	TP	
As per Tender Quantity 666.00						**604.00**	**914.77**	**552521.00**
As per Quoated Rate	**914.77**							
KSRB 15.1.3: Providing **FLush pointing** to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 122/ Item No. 15.1/ PWD SR 2013-14	Sqm							
For Culverts		2X6	5.20		0.50	31.20	TP	
As per Tender Quantity 333.00						**31.20**	**79.08**	**2467.00**
As per Quoated Rate	**79.08**							
KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406, No. 170/ Item No. 20.18/ PWD SR 2013-14	Cum							
		Not Executed						
KSRRB 500-4: providing and applying **primer coat** from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specificationsDo- Medium Porosity MORTH chapter 5, No. 175/ Item No. 21.4/ PWD SR 2013-14	Sqm							
		Not Executed						

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRRB M500-18: Providing and laying **semi dense bituminous concrete 25mm thick** with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. P. No. 174/ Item No. 21.20/ PWD SR 2013-14	Cum							
			Not Executed						
	Cistren Tank								
1	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications, specification No. KSRB 1000, 2300 MOST specification1000/2300, 1200mm dia, , No. 257 Item No. 34.6.6 PWD SR 2011-12	Mtrs							
			Not Executed						
2	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in **Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2013-14	Cum							
			Not Executed						
3	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2012-13 7	Cum							
			Not Executed						

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry **in foundation** with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 25/ Item No. 5.6/ PWD SR 2013-14	cum							
			Not Executed						
	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry **in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2013-14	Cum							
			Not Executed						
	KSRB-4-1.6 : Providing and laying in position plain cement concrete of mix **M15** withOPC cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/ P.No. 12/ Item No. 4.6/ PWD SR 2013-14	Cum							
			Not Executed						
	KSRB 15.1.3: Providing **FLush pointing** to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 122/ Item No. 15.1/ PWD SR 2013-14	Sqm							
			Not Executed						
	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete. Page No. 28/ Item No. 5.30/ PWD SR 2013-14	No.							
			Not Executed						

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, **No. 5/ Item No. 2.4/ PWD SR 2013-14**	Cum							
			Not Executed						
	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., 75 MM Dia **Page No.14 item No.3.4.2 b PRED SR 2010-11.**	Rmtr							
			Not Executed						
	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50mm, and lift upto 1.5m, including cost of all labour complete as per specifications, No. 6/ Item No. 2.11/ PWD SR 2013-14	Cum							
			Not Executed						
2	Elbow, Page No. XXXV PWD SR-2013-14	No	Not Executed						
3	Tee Page No. XXXV PWD SR-2013-14	No	Not Executed						
4	Union Page No. XXXV PWD SR-2013-14	No	Not Executed						
5	Nipple Page No. XXXV PWD SR-2013-14	No	Not Executed						
6	KSRB 13-6.3-6: Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6 / 13.3,Page No. 97/ Item No. 13.37 / PWD SR 2011-12	**Each**							
			Not Executed						
7	Labour Charges for giving 50mm dia G.I Pipe end connection from rising main to cistern including cutting thereasding conceying laying an d jointing etc, complete inclusive of fixing 4 Nos. of 20mm dia G.I Pipess with taps to the cistern PRED SR-12-13 (P No. 19 I No. 3.13)	Each							
			Not Executed						

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Errection of RCC Hume pipe pump hou[illegible]/Cistern on size stone masory platform incl[illegible]ng trasportation charges and handing with all necessary tools and plants complete as directed by the Engineer in charge of work. PRED SR 2012-13 (p No. 20 I No. 3.17)	Each							
			Not Executed						
	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
			[illegible]ty. Vide Item No. 1+EIRL3				**128.62**		
							128.62		
	EIRL								
	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2014-15	cum							
	Desilting of Drains								
	Noornagar 2nd Cross		1	30.00	0.40	0.35	4.20		
	Noornagara main Road		1	25.00	0.40	0.35	3.50		
	For Rasing Course Noornagara Shadhi Mahal House Road		2	121.00	0.40	0.35	33.88		
	Basavalingappanagara Sampigehalli ,Shanimahathma Temple Road		2	214.00	0.40	0.35	59.92		
	BasavalingappaNagara B main Road		1	90.00	0.40	0.35	12.60		
							114.10	145.34	**16583.00**
	Basic Rate	136.00							
	Area Weightage @ 8%	10.88							
	Total	**146.88**							
	Tender Premium @ -1.05	**1.54**							
		145.34							
1	Removing B.S Slab of Drain and stacking Page No.25/ Item No. 5.32/ PWD SR 2014-15	Sqm							
	Noornagar 2nd Cross		2	30.00	1.65		99.00		
	Noornagara main Road		2	25.00	1.65		82.50		
	For Rasing Course Noornagara Shadhi Mahal House Road		2	121.00	1.65		399.30		
	Basavalingappanagara Sampigehalli ,Shanimahathma Temple Road		2	214.00	1.65		706.20		
	BasavalingappaNagara B main Road		1	90.00	1.65		148.50		
							1435.50		
	Deduct 25% Missing Slabs						**358.88**		
							1076.63	57.71	**62129.00**
	Basic Rate	54.00							
	Area Weightage @ 8%	4.32							
	Total	**58.32**							
	Tender Premium @ -1.05	**0.61**							
		57.71							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Re[illegible]g stone slabs of drains and pointing in C.M (1:3) Page No. 25/ Item No. 5.33/ PWD SR 2014-15	Sqm							
			Qty Vide Item No.				1076.63		
							1076.63	**74.81**	**80538.00**
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	**75.60**							
	Tender Premium @ -1.05	**0.79**							
		74.81							
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick Page No.25/ Item No. 5.31.1/ PWD SR 2014-15	**Sqm**							
	For Missing slabs (25%)		Missing Slabs				358.88		
							358.88	632.65	**227041.00**
	Basic Rate	592.00							
	Area Weightage @ 8%	47.36							
	Total	**639.36**							
	Tender Premium @ -1.05	**6.71**							
		632.65							
4	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix **M20** withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2014-15	**Cum**							
	For Culverts		6	5.20	1.65	0.23	11.84		
							11.84	6001.59	**71061.00**
	Basic Rate	5616.00							
	Area Weightage @ 8%	449.28							
	Total	**6065.28**							
	Tender Premium @ -1.05	**63.69**							
		6001.59							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
13	KSRB 4.9.2:providing **T.M.T steel** reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 17/ Item No. 4.46/ PWD SR 2014-15	**Tone**							
	0.092 Tone/Cum		0.092	11.39			**1.05**	78351.84	**82067.00**
	Basic Rate	72548.00							
	Area Weightage @ 8%	5803.84							
	Total	**78351.84**							
14	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab	Sqm							
	For Rasing Course Noornagara Shadhi Mahal House Road		2	121.00	0.90		217.80		
	Basavalingappanagara Sampigehalli ,Shanimahathma Temple Road		2	214.00	0.75		321.00		
	BasavalingappaNagara B main Road		1	86.00	0.75		64.50		
							603.30	1856.67	**1120129.00**
	Data Rate	**1856.67**							
15	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
			Qty. Vide Item No. 1				**265.43**		
							265.43	67.32	**17868.00**
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2010-11 (P.118/I.17.1) For loading	62.20							
	Total	**67.32**						Total	**2909886.09**

Technical Sanction for Rs. 30.00L.
Thirty Lakhs only
Recommended to accept
No: 50
AE/JE 23/03
23/03/15
EE (BTP Div.)
Superintending Engineer
Yelahanka zone
BBMP, Bangalore

Rupees Twenty Nine Lakh(s) Nine Thousand Eight Hundred Eighty Six And Paise Nine Only

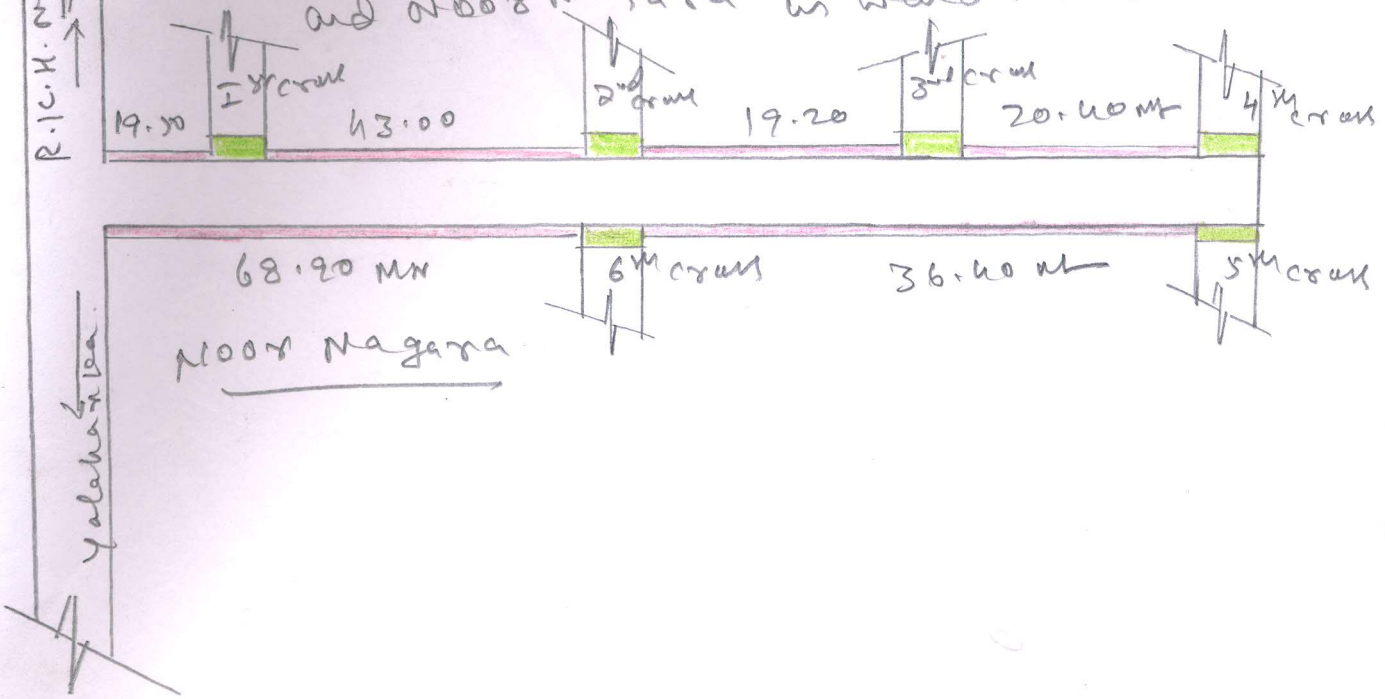
1 **Estimate Sanction amount Rs =3000000**
2 **Tender Agriment Amount Rs = 2910477.96**
3 **Tender Primioum Below -1.05%**

Assistant Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division
Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.
Bangalore - 560 092

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division
Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

Improvements to Roads and Drains and Covering Slab At Balavalingappa Nagara and Moor Nagara in Ward No: 05



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- Culverts.
- Solid Block Pitching and Covering Slab

Assistant Executive Engineer
Byatarayanapura Sub Division.
B.B.M.P. Bangalore

AE-05
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ